

REMARKS

In the subject office action, the Examiner changed his mind that the elements recited in original claims 19 and 57 are patentable over the cited references. Claims 1-4, 6-8, 17-18, 20-23, 25-26, 39-42, 44-46, 51-61, and 63-65 were rejected under 102(e) in view of ANWAR. Claims 13-16, 24, 51-54 and 62 were rejected under 103(a) in view of ANWAR and Garvey. Claims 5, 9-12, 27-30, 43, 47-50, and 66-69 were objected to, but are allowable if rewritten in independent forms.

In response, Applicant has amended claims 1-4, 6-7, 13-18, 20-22, 39-40, 44-45, 51-56 and 58-60, and added new claims 80 and 81. Claims 31-38 and 70-79 having been previously withdrawn; and claims 19 and 57 have been previously cancelled. Accordingly, claims 1-18, 20-30, 39-56, 58-69 and 80-81 are now pending.

Each of independent claims 1 and 39 has been amended to recite in substance

identifying a first plurality of areas defined by a first corresponding plurality of geometric primitives disposed within a first innermost nested level of a first recursively partitioned/nested geometric structure having at least the first plurality of geometric primitives and a first other geometric primitive disposed in a first immediately preceding outer nesting level of the first innermost nested level, with the first plurality of areas of the first plurality of geometric primitives nested within a first other area defined by the first other geometric primitive, the first plurality of areas corresponding to a first plurality of normalized multi-dimensional data of a

first normalized multi-dimensional data space, and the first recursively partitioned/nested geometric structure corresponding to the first normalized multi-dimensional data space.

ANWAR's tree structure merely comprises of branches and nodes. To the extent the ANWAR's tree structure can be considered a recursively partitioned/nested geometric structure, its nodes are nonetheless not areas defined by geometric primitives. In particular, its leave nodes cannot be said as areas defined by a plurality of geometric primitive disposed at an innermost nested level, and these areas are nested in another area defined by another geometric primitive disposed at an immediate outer nesting level of the innermost nested level. Therefore, ANWAR does not teach or anticipate the required "identifying" operation for identifying the areas defined by the geometric primitives disposed at an innermost nested level of the required recursively partitioned/nested geometric structure.

It further follows then, ANWAR does not teach or anticipate the other recited "determining", "associating" and "displaying" operations of claims 1 and 39, associated with the areas defined by the geometric primitives disposed at an innermost nested level of the required recursively partitioned/nested geometric structure. In particular, ANWAR's associating of color with pixels of a cross tab cell does not anticipate the recited associating of visual attributes with the areas, with the areas being defined by geometric primitives having the recited nesting relationship with at least one other area defined by one other geometric primitive of the recursively partitioned/nested geometric structure.

Accordingly, Applicant submits amended claims 1 and 39 are clearly patentable over the cited references.

Further, claims 2-4, 6-8, 17-18, 20-23, 25-26, 40-42, 44-46, 55-56, 58-61, 63-65 and 80-81 are in condition of allowance, by virtue of at least their dependency on claim 1 or 39, directly or indirectly.

Garvey does not remedy the above discussed deficiency of ANWAR. Therefore, claims 13-16, 24, 51-54 and 62 are patentable over ANWAR and Garvey by virtue of at least their dependency on claim 1 or 39, directly or indirectly.

In summary, remaining pending claims 1-18, 20-30, 39-56, 58-69 and 80-81 are in condition of allowance. Early issuance of Notice of Allowance is earnestly sought.

Please charge any shortages and credit any overages of payment of fees to Deposit Account No. 500393.

Respectfully submitted,

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